

Remarks:

In response to the restriction requirement issued January 27, 2006, Applicants restrict prosecution of this application to the invention identified in the restriction requirement as Group I, claims 1-16 and 23. Since the present application only includes claims 1-23, it appears as if Group I is erroneously defined as including claim 28 and Group III is erroneously defined as including claims 16-27.

Additionally, in response to the election requirement, Applicants elect the species identified as species A, the embodiment of Fig. 1. Claims 1-16 and 23 read on the elected embodiment.

Applicants traverse the election requirement on the grounds that the different figures do not all represent different embodiments of the invention. For example, Figs. 1 and 2 could be part of the same embodiment. Also, Fig. 5 shows a robot path generated based on the modified sequence of waypoints shown in Fig. 4. This also indicates that the figures do not all show different embodiments as asserted by the Examiner. Different path configurations do not necessarily require different embodiments of the invention.

If an interview would advance the prosecution of this case, Applicant urges the Examiner to contact the undersigned at the telephone number listed below.

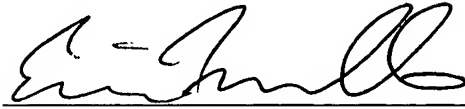
The undersigned authorizes the Commissioner to charge fee insufficiency and credit

overpayment associated with this communication to Deposit Account No. 22-0261.

Respectfully submitted,

Date: \_\_\_\_\_

7/27/06



Eric J. Franklin, Reg. No. 37,134  
Attorney for Applicant  
Venable LLP  
575 7<sup>th</sup> Street, NW  
Washington, DC 20004  
Telephone: (202) 344-4936